

In the United States Patent and Trademark Office

Inventor:	Estes et al.)	Examiner: G. Webb
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Serial No.:	10/027,160)	
)	Group Unit: 1751
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Title:	Non Aqueous Washing Apparatus and ...)	
)	
Atty. Docket No.	9793070-0439)	

Response "B" to Final Office Action of 29 Oct. 2002

In response to the Final Office Action dated 29 Oct. 2002, the applicants respond as follows.

A. In the Claims:

Please formally cancel claims 53-78 without prejudice.

Please cancel claims 21 to 39, and 44, 45, 47, and 49-52.

40. (amended) A wash liquor composition for use in laundering a fabric load comprising:

- a) a non-reactive, non-aqueous, non-oleophilic, apolar working fluid, and
- b) at least one non-aqueous, deterative, fluid washing additive.

41. The composition of Claim 40, wherein the working fluid comprises a fluorine-containing compound selected from the group consisting of perfluorocarbon, hydrofluoroether, fluorinated hydrocarbon, and fluoroinert.

42. The composition of Claim 41, wherein the fluorine-containing compound is $(\text{CF}_3(\text{CF}_2)_n)_3\text{N}$, where n is an integer from 4 to 20.

43. The composition of Claim 40, wherein the non aqueous washing additive is selected from the group consisting of surfactant, bleach, ozone, hydrophobic solvent, hydrophilic solvent, and mixtures thereof.

44. Canceled.

45. Canceled.

46. The composition of Claim 45 further comprising agents to further effect a change in at least one physical parameter of the working fluid, wherein the at least one physical parameter is selected from the group consisting of pH, ionic strength, conductivity, or polarity.

47. Canceled.

48. The composition of Claim 40,

(c) wherein the working fluid has a surface tension of less than or equal to 35 dynes/cm²;

(d) wherein the working fluid has an oil solvency greater than water without being oleophilic, and the KB is less than or equal to 30;

(e) wherein the working fluid has a solubility in water of less than about 10%;

(f) wherein the working fluid has a viscosity less than water under normal washing conditions;

(g) wherein the working fluid has a pH from about 6.0 to about 8.0;

(h) wherein the working fluid has a vapor pressure less than the vapor pressure of water;

and

(i) wherein the working fluid has a flash point of greater than or equal to 145 °C.

49. Canceled.

50. Canceled.

51. Canceled.

52. Canceled.